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## SEQUENCE LISTING

<110> CHARNEAU, PIERRE  
ZENNOUN, VERONIQUE  
FIRAT, HUSEYIN

<120> USE OF TRIPLEX STRUCTURE DNA SEQUENCES FOR TRANSFERRING  
NUCLEOTIDE SEQUENCES

<130> 03495.0199

<140> 09/688,990  
<141> 2000-10-17

<150> PCT/FR99/00974  
<151> 1999-04-23

<160> 33

<170> PatentIn Ver. 2.1

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<213> Lentivirus

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<212> DNA

<213> Caprine arthritis encaphalitis virus

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tataaaaaga aagggtgggc tggggacaag ccctatggat atttttatataaataaaga 120  
acagaaaaga ataaataataa aatataataa aaattctcaa aaaattcaat tctgttatta 180  
cagaataagg aaaagaggac 200

<210> 10

<211> 200

<212> DNA

<213> Equine infectious anaemia virus

<400> 10

cttgtaacaa agggagggaa agtatggag gacagacacc atgggaagta tttatcacta 60  
atcaagcaca agtaatacat gagaacttt tactacagca agcacaatcc tccaaaaaat 120  
tttggtttta caaaatccct ggtgaacatg attggaaaggg acctactagg gtgctgtgga 180  
agggtgatgg tgcagtagta 200

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<211> 200

<212> DNA

<213> Lentivirus

<400> 11

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aaattcgatt ttgttattac agaacaagaa aaagaggcga tccaggagag tggcaaggac 180  
caacacaggt actttggggc 200

<210> 12

<211> 200

<212> DNA

<213> Simian immunodeficiency virus

<400> 12

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cagcagagag actaattaat ataataacaa cacaattttaga aatacaacat ttacaaacca 120  
aaattcaaaa aatttttaat tttagagtct actacagaga agggagagac cctgtgtgga 180  
aaggaccggc acaattaatc 200

<210> 13

<211> 200

<212> DNA

<213> Human immunodeficiency virus

<400> 13

tgcataattttaaaaagaag gggggataa ggggatatga ctccatcaga aagattaatc 60  
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gattttcggg tctatttcag agaaggcaga gatcagttgt ggaaaggacc tggggacta 180  
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<211> 200
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<213> Human immunodeficiency virus

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gaatagtaga cataatagca acagacatac aaactaaaga attacaaaaa caaattacaa 120
aaattcaaaa ttttcgggtt tattacaggg acagcagaga tccactttgg aaaggaccag 180
caaagctcct ctggaaaggt 200

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<212> DNA
<213> Human immunodeficiency virus

<400> 15
aaaagaaaag ggggg 15

<210> 16
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<400> 16
aaaacaaggg ggggg 14

<210> 17
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<213> Unknown Organism

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<223> Description of Unknown Organism: SIV mac or
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<210> 18
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<212> DNA
<213> Simian immunodeficiency virus

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aaaagaaaag ggagg 15

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<213> Lentivirus

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aaaaagaaaa aagaaaagggt gg 22

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<213> Caprine arthritis encaphalitis virus

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aaaaataaaa aaagaaaaggg tg

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<210> 21  
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<212> DNA  
<213> Equine infectious anaemia virus

<400> 21  
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13

<210> 22  
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Ile Thr Asp Gln Val Pro Phe Ser Val  
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<210> 24  
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Tyr Leu Glu Pro Gly Pro Val Thr Ala  
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Leu Leu Asp Gly Thr Ala Thr Leu Arg Leu  
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Ala Ala Gly Ile Gly Ile Leu Thr Val  
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<223> Description of Artificial Sequence: Melanoma  
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<210> 28

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<223> Description of Artificial Sequence: Melanoma  
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<212> PRT

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<223> Description of Artificial Sequence: Melanoma  
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<400> 30

Val Leu Pro Asp Val Phe Ile Arg Cys  
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<210> 31

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Melanoma  
peptide

<400> 31

Phe Leu Trp Gly Pro Arg Ala Leu Val  
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<210> 32

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<223> Description of Artificial Sequence: Melanoma  
polyepitope

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1 5 10 15

Leu Val Met Leu Leu Ala Val Leu Tyr Cys Leu Leu Leu Asp Gly Thr  
20 25 30

Ala Thr Leu Arg Leu Lys Thr Trp Gly Gln Tyr Trp Gln Val Tyr Met  
35 40 45

Asp Gly Thr Met Ser Gln Val Ile Thr Asp Gln Val Pro Phe Ser Val  
50 55 60

Tyr Leu Glu Pro Gly Pro Val Thr Ala Ile Leu Thr Val Ile Leu Gly  
65 70 75 80

Val Leu Val Leu Pro Asp Val Phe Ile Arg Cys Val  
85 90

&lt;210&gt; 33

&lt;211&gt; 119

&lt;212&gt; DNA

&lt;213&gt; Human immunodeficiency virus

&lt;400&gt; 33

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agcaacagac atacaaacta aagaattaca aaaacaaattt aaaaaatttc aaaatttc 119